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NOV 25 2008

Department of Environmental Quality
State Air Program

November 21, 2008

Carole Zundel
State of Idaho DEQ, Air Quality Div.
1410 North Hilton
Boise, ID 83706

RE: Owen PC PTC, Facility ID# 777-00433

Dear Ms. Zundel,

As per our conference call on October 31, 2008, I am re-submitting our PTC application for a 1979 CMI UDM 1200 portable hot mix asphalt plant. As part of the application I have included a copy of the stack test that was conducted in Wyoming on September 17-18, 2008. I have also included all of the information that was previously sent to you via e-mail from Mr. Kevin Walsh on November 10, 2008. Should you have technical questions please direct them to Mr. Walsh and advise me of your request. Thank you for your time and assistance in this process.

Sincerely,

A handwritten signature in black ink that reads "Voyd Stewart". The signature is fluid and cursive, with the first name "Voyd" being more prominent.

Voyd Stewart
Owen PC Construction



Department of Environmental Quality
1410 N. Hilton
Boise, ID 83706

For assistance, call the Air Permit Hotline: 1-877-5PERMIT

Form #AQ-F-C016

Rev. 2

12/12/06

NOV 25 2008

Department of Environmental Quality
State Air Program

DEQ - AIR QUALITY PROGRAM
PORTABLE EQUIPMENT RELOCATION FORM

Company Name: Owen PC Construction LLC	
Phone Number: 208-787-6936	
Mailing Address: P.O. Box 1077 Victor, ID 83455	
Contact: Voyd Stewart	
Signature:	Date:

Plant Type (HMA, Rock Crusher, Mfr., Model No.)		HMA CMI UDM 1200	
Type of Permit	Permit to Construct or Operating Permit	Yes No	If Yes, Facility ID:
	Permit by Rule	Yes No	If Yes, Facility ID:
Fuel Type for Generator: #2 Diesel			
Have any major components of the plant or its air pollution equipment been replaced or modified since the plant last operated? Yes <u>No</u> If Yes, attach explanation on additional paper.			

Current Location, include county and nearest city: Driggs, Teton County	
New Location, include county and nearest city: Driggs, Teton County	
Estimated Startup Date: May 1, 2009	Estimated End Date: Nov. 15, 2009

Will Plant be co-located with another rock crusher, concrete batch, or hot-mix asphalt plant at new location? Yes <u>No</u>			
If Yes	Name of Other Company:		
	Type of Plant:	Rock Crusher	Concrete Batch Hot-Mix Asphalt
	Type of Permit	Permit to Construct or Operating Permit	Yes No If Yes, Facility ID:
		Permit by Rule	Yes No If Yes, Facility ID:

Will plant be operated in conjunction with a state of Idaho contract? Yes <u>No</u>	
If Yes	Contract No.:
	State of Idaho Contact Person:
	Phone Number:

THIS FORM MUST BE SUBMITTED TEN (10) DAYS BEFORE PLANT IS RELOCATED.

A scaled plot plan identifying the property boundary of the new site must be included with this form (see Permit Application Form PP-Plot Plan for guidance).

Mail to: Air Quality Program Office - Application Processing
Department of Environmental Quality
1410 North Hilton
Boise, ID 83706-1255
Or, Fax to: 208-373-0340



ORIGINAL

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NOV 25 2008

Environmental Consulting Services, LLP

320 Eastlake Circle
Billings, MT 59105
<http://www.enviroconsult.com>

Phone: (406) 254-1741
Fax: (406) 254-1742
Email: ecsinfo@enviroconsult.com

Department of Environmental Quality
State Air Program

November 10, 2008

Via Email to: carole.zundel@deq.idaho.gov

(No Hardcopy to follow)

Page 1 of 1

Ms. Carole Zundel
Idaho DEQ – Air Quality Division
1410 N. Hilton
Boise, ID 83706-1225

SUBJECT: Submittal of a permit application for the Owen PC Construction (Owen PC) HMA Plant (1580 Hotplant) Air Quality (AQ) Permit to Construct (PTC).

Dear Ms. Zundel:

Environmental Consulting Services, LLP (ECS) is pleased to present the enclosed information regarding submittal of a permit application for the Owen PC Construction (Owen PC) HMA Plant (1580 Hotplant) Air Quality (AQ) Permit to Construct (PTC). ECS and Owen PC are "re-submitting" this information as per the request of IDEQ. Mr. Voyd Stewart of Owen PC will be sending printed copies of this information, along with the signed Certification Statement on Form GI in the postal mail to you within the next few days. Please use the enclosed information to begin with drafting the AQ Permit for this facility. The following electronic files have been sent:

- DriggsFugitiveEmissionCalculations_111008.xls
- HMA EI_OwenPC_PTC_GEN_SF-LO_111008.xls
- HMA EI_OwenPC_PTC_TPY_BothGens_111008.xls
- OwenPC_DriggsHMAPlant_EmissionCalcsExplanations_ltrhd.pdf
- ptc_form_CS_owenpc.doc
- ptc_form_EU0_owenpc.doc
- ptc_form_EU1_owenpc.doc
- ptc_form_FRA_owenpc.doc
- ptc_form_GI_owenpc.doc
- ptc_HMAP_owenpc.doc
- ptc_VSCE_owenpc.doc
- ptc_forms_EI-CP_owenpc.xls
- ptc_forms_MI_07Apr05.xls

If you should have any questions regarding the enclosed information please contact me.

Respectfully submitted,

ENVIRONMENTAL CONSULTING SERVICES, LLP

Kevin K. Walsh
Partner/Consultant
KKW/jlw

Cc: Voyd Stewart, Owen PC Construction, LLC (via email to: voyd@owen-pc.com)



Environmental Consulting Services, LLP

320 Eastlake Circle
Billings, MT 59105
<http://www.enviroconsult.com>

Phone: (406) 254-1741
Fax: (406) 254-1742
Email: ecsinfo@enviroconsult.com

November 10, 2008

Via Email to: Carole.Zundel@deq.idaho.gov

(No Hardcopy to follow)

Page 1 of 2

Ms. Carole Zundel
Idaho Department of Environmental Quality
1410 N. Hilton
Boise, ID 83706-1255

SUBJECT: Narrative of emission calculations for the Driggs, ID Owen PC Hot Mix Asphalt (HMA) Plant for air quality permitting actions by the Idaho Department of Environmental Quality (IDEQ).

Dear Ms. Zundel:

Environmental Consulting Services, LLP (ECS) is pleased to present the enclosed information regarding a narrative of emission calculations for the Driggs, ID Owen PC Hot Mix Asphalt (HMA) Plant for air quality permitting actions by the Idaho Department of Environmental Quality (IDEQ). ECS has used a modified version of the IDEQ supplied Excel® spreadsheet for calculating HMA Plant emissions for permitting actions. The original spreadsheet, created by IDEQ, was designed for the control method of a "Fabric Filter Baghouse". ECS modified the necessary emission factors (EFs) throughout the worksheets of this spreadsheet to adapt it to the control method of a "Venturi Wet Scrubber". All EFs were checked, and changed as required due to the control method of the "Venturi Wet Scrubber". Appropriate notations of the basis of the EFs of each individual worksheet are on the bottom of each worksheet and clearly provide an explanation of the basis and method of the EFs used. When reviewing the modified spreadsheet (HMA_EI_OwenPC_PTC_GEN_SF-LO_111008.xls) please ignore the "Fabric Filter" identification of some of the tabbed worksheets, all EFs and calculations within this modified spreadsheet are specific to a "Venturi Wet Scrubber" control. Throughout the spreadsheet it was assumed that the "Fabric Filter Baghouse" control efficiency (CE), for all components, is 95% and the "Venturi Wet Scrubber" CE is 70%. Depending upon whether or not an individual parameter (such as a metal species) had an "uncontrolled" EF listed in AP-42 for a specific fuel used, ECS calculated all changes of EFs according to one of the following methods:

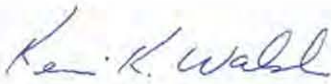
1. "Fabric Filter Baghouse" CE of 95% = 5% emissions
"Fabric Filter Baghouse" EF ÷ 5% = "uncontrolled emissions"
"Venturi Wet Scrubber" CE of 70% = 30% emissions
"uncontrolled emissions" x 30% = "Venturi Wet Scrubber" EF (in lbs/ton)
2. Published AP-42 uncontrolled EF x 30% = "Venturi Wet Scrubber" EF (in lbs/ton)

The instructions for this spreadsheet document are on the first tabbed worksheet and clearly explain the methods used for completion of the worksheets. Also, shown on the instructions page of this spreadsheet document is the notation that only one generator would be used for the emissions calculations for the HMA Plant, as per the setup of the original spreadsheet by IDEQ. This spreadsheet compiles the large generator emission calculations, and the smaller generator emission calculations must be added to the compilation of calculated emissions manually to obtain a "final total" emission calculation for the HMA Plant. Also, ECS used a "default" value of 0.5% sulfur (S) content for the diesel fuel used within the generators.

Along with the "master spreadsheet" for emissions calculations for this HMA Plant, as detailed above, ECS also has provided two additional spreadsheets. The spreadsheet named "DriggsFugitiveEmissionCalculations_111008.xls" are for estimating fugitive emissions of the HMA Plant, and have two worksheets, one for "actual emissions" (ACT) and one for "maximum emissions" (MAX). The spreadsheet named "HMA EI_OwenPC_PTC_TPY_BothGens_111008.xls" is for total emissions, in tons per year, for all sources and includes both generators. As is noted on the instructions of the "master spreadsheet" of "HMA EI_OwenPC_PTC_GEN_SF-LO_111008.xls", only one generator is taken into account on these spreadsheets, therefore ECS has manually added the smaller generators calculated emissions to the total emissions, in tons per year, of the "master spreadsheet" in order to take into account the smaller generators calculated emissions for permitting.

If you should have any questions please contact me.

Respectfully submitted,
ENVIRONMENTAL CONSULTING SERVICES, LLP



Kevin K. Walsh
Partner/Consultant
KKW/jlw

Cc: Voyd Stewart, Owen PC (via email)



DEQ AIR QUALITY PROGRAM
 1410 N. Hilton, Boise, ID 83706
 For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

PERMIT TO CONSTRUCT APPLICATION

Revision 3
 04/03/07

Please see instructions on page 2 before filling out the form.

COMPANY NAME, FACILITY NAME, AND FACILITY ID NUMBER			
1. Company Name	Owen PC Construction LLC		
2. Facility Name	1580 Hotplant	3. Facility ID No.	777-00433
4. Brief Project Description - One sentence or less	Permit existing portable asphalt drum mixer.		
PERMIT APPLICATION TYPE			
5. <input checked="" type="checkbox"/> New Facility <input type="checkbox"/> New Source at Existing Facility <input type="checkbox"/> Unpermitted Existing Source <input type="checkbox"/> Modify Existing Source: Permit No.: _____ Date Issued: _____ <input type="checkbox"/> Required by Enforcement Action: Case No.: _____			
6. <input checked="" type="checkbox"/> Minor PTC <input type="checkbox"/> Major PTC			
FORMS INCLUDED			
Included	N/A	Forms	DEQ Verify
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form GI – Facility Information	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form EU0 – Emissions Units General	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form EU1 - Industrial Engine Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU2 - Nonmetallic Mineral Processing Plants Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU3 - Spray Paint Booth Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU4 - Cooling Tower Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU5 – Boiler Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form HMAP – Hot Mix Asphalt Plant Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form CBP - Concrete Batch Plant Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form BCE - Baghouses Control Equipment	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form SCE - Scrubbers Control Equipment	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forms EI-CP1 - EI-CP4 - Emissions Inventory– criteria pollutants (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PP – Plot Plan	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forms MI1 – MI4 – Modeling (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form FRA – Federal Regulation Applicability	<input type="checkbox"/>

DEQ USE ONLY	
Date Received	
Project Number	
Payment / Fees Included? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Check Number	



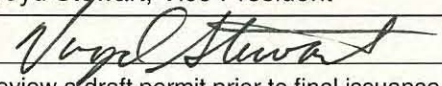
DEQ AIR QUALITY PROGRAM
1410 N. Hilton, Boise, ID 83706
For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

PERMIT TO CONSTRUCT APPLICATION

Revision 3
03/26/07

Please see instructions on page 2 before filling out the form.

All information is required. If information is missing, the application will not be processed.

IDENTIFICATION	
1. Company Name	Owen PC Construction LLC
2. Facility Name (if different than #1)	1580 Hotplant
3. Facility I.D. No.	777-00433
4. Brief Project Description:	Permit existing portable asphalt drum mixer.
FACILITY INFORMATION	
5. Owned/operated by: (✓ if applicable)	<input type="checkbox"/> Federal government <input type="checkbox"/> County government <input type="checkbox"/> State government <input type="checkbox"/> City government
6. Primary Facility Permit Contact Person/Title	Voyd Stewart, Vice President
7. Telephone Number and Email Address	208-787-6936, voyd@owen-pc.com
8. Alternate Facility Contact Person/Title	David Owen, President
9. Telephone Number and Email Address	208-787-6936, david@owen-pc.com
10. Address to which permit should be sent	P.O. Box 1077
11. City/State/Zip	Victor, Idaho 83455
12. Equipment Location Address (if different than #10)	185 East 25 North
13. City/State/Zip	Driggs, Idaho 83422
14. Is the Equipment Portable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15. SIC Code(s) and NAISC Code	Primary SIC: 2951 Secondary SIC (if any): NAICS: 324121
16. Brief Business Description and Principal Product	Portable Asphalt drum mixer to produce asphalt for use in paving streets, parking lots and etc.
17. Identify any adjacent or contiguous facility that this company owns and/or operates	Rock Crusher
PERMIT APPLICATION TYPE	
18. Specify Reason for Application	<input checked="" type="checkbox"/> New Facility <input type="checkbox"/> New Source at Existing Facility <input type="checkbox"/> Unpermitted Existing Source <input type="checkbox"/> Modify Existing Source: Permit No.: _____ Date Issued: _____ <input type="checkbox"/> Permit Revision <input type="checkbox"/> Required by Enforcement Action: Case No.: _____
CERTIFICATION	
IN ACCORDANCE WITH IDAPA 58.01.01.123 (RULES FOR THE CONTROL OF AIR POLLUTION IN IDAHO), I CERTIFY BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION IN THE DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE.	
19. Responsible Official's Name/Title	Voyd Stewart, Vice President
20. RESPONSIBLE OFFICIAL SIGNATURE	
21. <input checked="" type="checkbox"/> Check here to indicate you would like to review a draft permit prior to final issuance.	Date: 11-17-08



DEQ AIR QUALITY PROGRAM
 1410 N. Hilton, Boise, ID 83706
 For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

PERMIT TO CONSTRUCT APPLICATION

Revision 3
 03/27/07

Please see instructions on page 2 before filling out the form.

IDENTIFICATION							
Company Name: Owen PC Construction LLC		Facility Name: 1580 Hotplant		Facility ID No: 777-00433			
Brief Project Description:		Permit existing portable asphalt drum mixer.					
EMISSIONS UNIT (PROCESS) IDENTIFICATION & DESCRIPTION							
1. Emissions Unit (EU) Name:		1580 HOTPLANT					
2. EU ID Number:		1					
3. EU Type:		<input checked="" type="checkbox"/> New Source <input type="checkbox"/> Unpermitted Existing Source <input type="checkbox"/> Modification to a Permitted Source -- Previous Permit #: Date Issued:					
4. Manufacturer:		CMI					
5. Model:		UDM 1200					
6. Maximum Capacity:		250 T/P/H					
7. Date of Construction:		1979					
8. Date of Modification (if any)							
9. Is this a Controlled Emission Unit?		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If Yes, complete the following section. If No, go to line 18.					
EMISSIONS CONTROL EQUIPMENT							
10. Control Equipment Name and ID:		Wet Scrubber					
11. Date of Installation:		1979	12. Date of Modification (if any):				
13. Manufacturer and Model Number:		CMI UDM 1200					
14. ID(s) of Emission Unit Controlled:		1580 Hotplant					
15. Is operating schedule different than emission units(s) involved?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
16. Does the manufacturer guarantee the control efficiency of the control equipment?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If Yes, attach and label manufacturer guarantee)					
		Pollutant Controlled					
		PM	PM10	SO ₂	NOx	VOC	CO
Control Efficiency		70%	70%	70%	70%	70%	70%
17. If manufacturer's data is not available, attach a separate sheet of paper to provide the control equipment design specifications and performance data to support the above mentioned control efficiency. see attached							
EMISSION UNIT OPERATING SCHEDULE (hours/day, hours/year, or other)							
18. Actual Operation		600-1000 HOURS/YEAR					
19. Maximum Operation		1000 HOURS/YEAR					
REQUESTED LIMITS							
20. Are you requesting any permit limits?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If Yes, check all that apply below)					
<input checked="" type="checkbox"/> Operation Hour Limit(s):		1000 hrs/yr					
<input checked="" type="checkbox"/> Production Limit(s):		150 tons/hour and 150,000 tons/year					
<input type="checkbox"/> Material Usage Limit(s):							
<input type="checkbox"/> Limits Based on Stack Testing		Please attach all relevant stack testing summary reports					
<input type="checkbox"/> Other:							
21. Rationale for Requesting the Limit(s):		To limit HAP potential					



DEQ AIR QUALITY PROGRAM
1410 N. Hilton, Boise, ID 83706
For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

PERMIT TO CONSTRUCT APPLICATION

Revision 3
03/27/07

Please see instructions on page 2 before filling out the form.

IDENTIFICATION				
Company Name: Owen PC Construction LLC		Facility Name: 1580 Hotplant		Facility ID No: 777-00433
Brief Project Description:		Permit existing portable asphalt drum mixer.		
EXEMPTION				
Please refer to IDAPA 58.01.01.222.01.c and d for a list of internal combustion engines that are exempt from the Permit to Construct requirements.				
ENGINE (EMISSION UNIT) DESCRIPTION AND SPECIFICATIONS				
1. Type of Unit: <input checked="" type="checkbox"/> New Unit <input type="checkbox"/> Unpermitted Existing Unit <input type="checkbox"/> Modification to a Unit with Permit #: _____ Date Issued: _____				
2. Use of Engine: <input checked="" type="checkbox"/> Normal Operation <input type="checkbox"/> Emergency <input type="checkbox"/> Back-up <input type="checkbox"/> Other:				
3. Engine ID Number: BPG02595		4. Rated Power: <input type="checkbox"/> Brake Horsepower(bhp) <input checked="" type="checkbox"/> 545 Kilowatts(kW)		
5. Construction Date: 2005		6. Manufacturer: Caterpillar		7. Model: 3412CDITA
8. Date of Modification (if applicable):		9. Serial Number (if available):		10. Control Device (if any):
FUEL DESCRIPTION AND SPECIFICATIONS				
11. Fuel Type	<input checked="" type="checkbox"/> Diesel Fuel (#) (gal/hr)	<input type="checkbox"/> Gasoline Fuel (gal/hr)	<input type="checkbox"/> Natural Gas (cf/hr)	<input type="checkbox"/> Other Fuels (unit:)
12. Full Load Consumption Rate	37			
13. Actual Consumption Rate	30			
14. Sulfur Content wt%	0.5%	N/A	N/A	
OPERATING LIMITS & SCHEDULE				
15. Imposed Operating Limits (hours/year, or gallons fuel/year, etc.): 1500 HOURS/YEAR				
16. Operating Schedule (hours/day, months/year, etc.): 12 HOURS/DAY, 7 MONTHS/YEAR				



DEQ AIR QUALITY PROGRAM
1410 N. Hilton, Boise, ID 83706
For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

Hot Mix Asphalt Plant **Form HMAP**

PERMIT TO CONSTRUCT APPLICATION

Revision 3
04/02/07

Please see instructions on page 4 before filling out the form.

GENERAL INFORMATION

Company Name:	Owen PC Construction LLC		
Facility Name:	1580 Hotplant	Facility ID No:	777-00433
Brief Project Description:	Portable asphalt drum mixer.		
Mailing Address:	P.O. Box 1077		
City:	Victor	State:	Idaho
Zip Code:	83455	County:	Teton
General Nature of Business & Products:	General Contractor - Gravel, Asphalt, etc.		

Contact Name, Title:	Voyd Stewart, Vice President		
Phone:	208-787-6936	Cell:	307-413-1142
Email:	voyd@owen-pc.com		

Owner or Responsible Official Name, Title:	David Owen, President		
Phone:	208-787-6936		
Email:	david@owen-pc.com		

Proposed Initial Plant Location:	185 East 25 North		
Nearest City:	Driggs	Estimated Startup Date:	May 2009
County:	Teton		

Reason for Application:	<input checked="" type="checkbox"/> Permit to construct a new source <input type="checkbox"/> Permit to operate an existing unpermitted source <input type="checkbox"/> Permit to modify/revise an existing permitted source (identify the permit below) Permit No.: _____ Issue Date: _____ Facility ID: _____
-------------------------	--

☒ Check here to indicate you would like to review a draft permit prior to final issuance.

Comments: The plant has previously been permitted in the state of Kansas. The Kansas Department of Health and Environment source ID number is 7770060.

HOT-MIX ASPHALT PLANT INFORMATION

Manufacturer:	CMI	Model:	UDM 1200
Manufacture Date:	1979	Type HMA Plant:	<input checked="" type="checkbox"/> Drum Mix <input type="checkbox"/> Batch Mix
Maximum Hourly Asphalt Production:	150 (tons/hour)		
Requested Annual Asphalt Production:	150,000 (tons/year)		
Burner Fuel Type:	#2 fuel oil or used oil (natural gas, #2 fuel oil, used oil, etc.)		
Maximum Burner Fuel Usage Rate:	250 <input type="checkbox"/> scf/hour or <input checked="" type="checkbox"/> gallons/hour		
Type Air Pollution Control Device:	Scrubber (baghouse, scrubber, etc.)		
Control Device Manufacturer:	CMI	Model:	UDM 1200
Stack Parameters:	Stack Height from Ground (ft): <u>33</u> Stack Exhaust Flow Rate (acfm): <u>31164</u> Stack Inside Diameter (ft): <u>2.6</u> Stack Exhaust Gas Temperature (°F): <u>164</u>		

ASPHALT TANK HEATER

Fuel Type:	#2 fuel oil (natural gas, #2 fuel oil, used oil, etc.)		
Maximum Fuel Usage Rate:	8 (units/hour) (units/year) <input checked="" type="checkbox"/> gallons <input type="checkbox"/> ft ³ <input type="checkbox"/> other:		
Type Air Pollution Control Device:	<input type="checkbox"/> MMBtu <input type="checkbox"/> HP		
Stack Parameters:	Stack Height from Ground (ft): <u>13</u> Stack Exhaust Flow Rate (acfm): <u>48.9</u> Stack Inside Diameter (ft): <u>.67</u> Stack Exhaust Gas Temperature (°F): <u>170</u>		

Is this an NSPS-affected facility?

☒ Yes ☐ No

To determine if the HMA facility is a New Source Performance Standards (NSPS)-affected facility, consider the following:

Were any of the following constructed or modified after June 11, 1973, such that the equipment becomes an affected facility as defined in 40 Code of Federal Regulations, Part 60, Section 90 (40 CFR 60.90) *Standards of Performance for Hot-Mix Asphalt Facilities*:

- Dryers
- Systems for screening, handling, storing, and weighing of hot aggregate
- Systems for loading, transferring, and storing of mineral filler
- Systems for mixing hot-mix asphalt
- Loading, transfer, and storage systems associated with emission control systems

Modification is defined in 40 CFR 60.14. The Code of Federal Regulations can be accessed from the website <http://www.gpoaccess.gov/cfr/>.

Has a performance test been conducted in accordance with 40 CFR 60.93 that demonstrates particulate matter emissions are less than or equal to 0.04 gr/dscf (grains per dry standard cubic foot) at the HMA stack?

☒ Yes ☐ No

If Yes, state the date the test was conducted: September 17-18, 2008.

Provide a copy of the performance test results with this application if you want DEQ to consider it in determining the frequency of performance testing requirements for your hot-mix asphalt plant.

ELECTRICAL GENERATOR SET INFORMATION (If Applicable)

Manufacturer:	Caterpillar	Model:	545kw
Maximum Rated Capacity:	545 <input type="checkbox"/> Hp <input checked="" type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane		
Maximum Fuel Usage Rate:	37 <input checked="" type="checkbox"/> gal./hr. <input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	12 (hours/day)		
Maximum Annual Hrs. of Operations:	1500 (hours/year)		
Stack Parameters:	<div style="display: flex; justify-content: space-between;"> <div>Stack Height from Ground (ft): <u>12</u></div> <div>Stack Exhaust Flow Rate (acfm): <u>134 m3/min</u></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Stack Inside Diameter (ft): <u>.833</u></div> <div>Stack Exhaust Gas Temperature (°F): <u>505.5 Deg C</u></div> </div>		

Manufacturer:	Whisper Watt or equal	Model:	45kw
Maximum Rated Capacity:	45 <input type="checkbox"/> Hp <input checked="" type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane		
Maximum Fuel Usage Rate:	3 <input checked="" type="checkbox"/> gal./hr. <input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	12 (hours/day)		
Maximum Annual Hrs. of Operations:	1500 (hours/year)		
Stack Parameters:	<div style="display: flex; justify-content: space-between;"> <div>Stack Height from Ground (ft): <u>8</u></div> <div>Stack Exhaust Flow Rate (acfm): <u>?</u></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Stack Inside Diameter (ft): <u>.33</u></div> <div>Stack Exhaust Gas Temperature (°F): <u>?</u></div> </div>		

☒ \$1,000 PTC application fee enclosed**Certification of Truth, Accuracy, and Completeness** (by Responsible Official)

I hereby certify that based on information and belief formed after reasonable inquiry, the statements and information contained in this and any attached and/or referenced document(s) are true, accurate, and complete in accordance with IDAPA 58.01.01.123-124.


 Responsible Official Signature

Vice President
 Responsible Official Title

11/10/2008
 Date


Voyd Stewart
 Print or Type Responsible Official Name

PERMIT TO CONSTRUCT APPLICATION

Please see instructions on page 2 before filling out the form.

[illegible]

Page 1

	DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline - 1-877-5PERMIT	PERMIT TO CONSTRUCT APPLICATION Revision 3 4/5/2007											
<i>Please see instructions on page 2 before filling out the form.</i>													
Company Name:		Owen PC Construction LLC											
Facility Name:		1580 Hotplant											
Facility ID No.:													
Brief Project Description:		Permit existing portable asphalt drum mixer											
SUMMARY OF FACILITY WIDE EMISSION RATES FOR CRITERIA POLLUTANTS - POINT SOURCES													
1.	2.	3.											
		PM ₁₀		SO ₂		NO _x		CO		VOC		Lead	
Emissions units	Stack ID	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Point Source(s)													
CMI UDM 1200 Drum Dryer	1.00			PLEASE SEE ATTACHED SPREADSHEETS									
Asphalt Tank Heater	2.00			PLEASE SEE ATTACHED SPREADSHEETS									
545 KW Diesel Generator	3.00			PLEASE SEE ATTACHED SPREADSHEETS									
Whisper Watt 45 Generator	4.00			PLEASE SEE ATTACHED SPREADSHEETS									
name of the emissions unit5													
name of the emissions unit6													
name of the emissions unit7													
name of the emissions unit8													
name of the emissions unit9													
name of the emissions unit10													
name of the emissions unit11													
name of the emissions unit12													
name of the emissions unit13													
name of the emissions unit14													
name of the emissions unit15													
name of the emissions unit16													
name of the emissions unit17													
name of the emissions unit18													
name of the emissions unit19													
name of the emissions unit20													
name of the emissions unit21													
(insert more rows as needed)													
Total													



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1410 N. Hilton, Boise, ID 83706
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PERMIT TO CONSTRUCT APPLICATION

Revision 3
4/5/2007

Please see instructions on page 2 before filling out the form.

Company Name: Owen PC Construction LLC

Facility Name: 1580 Hotplant

Facility ID No.:

Brief Project Description: Permit existing portable asphalt drum mixer.

SUMMARY OF EMISSIONS INCREASE (PROPOSED PTE - PREVIOUSLY MODELED PTE) - POINT SOURCES

1.	2.	3.											
		PM ₁₀		SO ₂		NO _x		CO		VOC		Lead	
Emissions units	Stack ID	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
	Point Source(s)												
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name of the emissions unit18													
name of the emissions unit19													
name of the emissions unit20													
name of the emissions unit21													
(insert more rows as needed)													
Total													